

Union State #2 Plug Back

1. MI RU Coil tbg unit. Blow down well. POOH w/1 1/4" coil tbg. RD CT unit.
2. MIRU PU. ND tree. NU dual manual 6" 3M BOP. Release 5 1/2" pkr. POOH w/2 3/8" tbg. Lay down btm 6000'.
3. RU wireline. RIH w/ 5 1/2" CIBP. Set CIBP @ 11,000'. Cap w/35' cmt. RIH w/5 1/2" CIBP. Set CIBP @ 5200'.
4. Run CBL from 5100-3000'. RIH w/4" csg gun. Perforate 4978-4990' w/2 JSPF. RD wireline.
5. RIH w/2 jts 2 3/8" tbg, 5 1/2" pkr, SN, 2 3/8" tbg to 4940'. Swab test perfs.
6. Acidize if necessary. Swab back load.
7. If perfs 4978-4990' are productive, go to step #16. If non-productive, POOH w/pkr. RU wireline. RIH w/5 1/2" CIBP. Set @ 4900'. Cap w/35' cmt. Perforate 4540-4558' w/4" csg gun 4 JSPF. RD wireline.
8. RIH w/2 jts 2 3/8", 5 1/2" pkr, SN, 2 3/8" tbg to 4520'. Swab test perfs.
9. Acidize if necessary. Swab back load.
10. If perfs 4540-4558' are productive, consider additional stimulation and go to step #16. If non-productive, POOH w/pkr. RU wireline. RIH w/5 1/2" CIBP. Set @ 4500'. Cap w/35' cmt.
11. Freepoint and jet cut 5 1/2" csg @ $\pm$ 4200'. Pull and LD 5 1/2" csg.
12. RU wireline. Perforate 4114-4128'; 3996-4006'; and 3942-3960' w/4" csg gun, 2 JSPF. RD wireline.
13. RIH w/2 jts tbg, 8 5/8" pkr, SN, 2 3/8" tbg to 4100'. Swab test perfs 4114-4128'. Acidize if necessary. Swab back load.
14. If non-productive, POOH w/pkr. RU wireline. Set 8 5/8" CIBP @ 4100'. If productive, release pkr. PUH and reset @ 3900'.
15. Frac Yates per BJ design. Swab back load until sand cleans up.
16. POOH w/pkr. RIH w/artificial lift equipment.
17. RD MO PU. MI pumping unit. Repair battery. Tie in gas sales. Turn well to production.